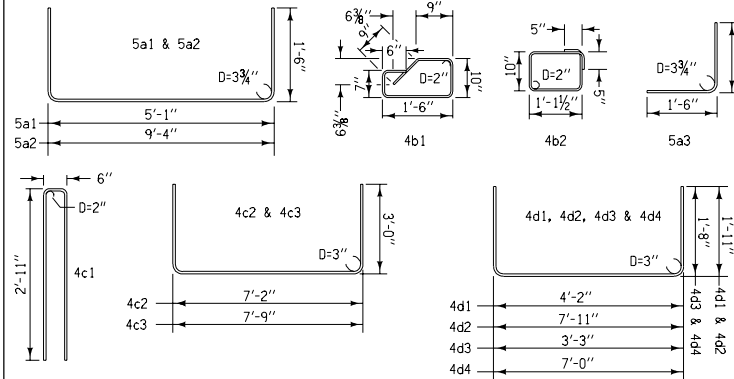


## BENT BAR DETAILS



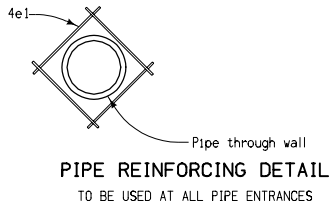
NOTE: ALL DIMENSIONS SHOWN OUT TO OUT. D = PIN DIAMETER

## EPOXY COATED REINFORCING

MARK	DESCRIPTION	SHAPE	NO.	LENGTH	WEIGHT
5a1	CAP		8	8'-1"	67
5a2	CAP		10	12'-4"	129
5a3	CAP, CORNERS		4	3'-0"	12
4b1	CAP, TIES		14	4'-11"	46
4b2	CAP, TIES		10	4'-9"	32
4c1	SIDES, VERTICAL		24	6'-4" ①	101
4c2	SIDES, HORIZONTAL		10	13'-2"	87
4c3	SIDES, HORIZONTAL		8	13'-9"	73
4d1	BOTTOM		7	8'-0"	37
4d2	BOTTOM		5	11'-9"	39
4d3	BOTTOM		6	6'-7"	26
4d4	BOTTOM		4	10'-4"	28
4e1	PIPE ENTRANCE		VAR.	VAR.	
TOTAL (lbs.) NOT INCLUDING 4e1					677

Note

- ① Size and/or depth of pipe may require higher side walls for the intake. Adjust length of 4c1 reinforcing bars as necessary.

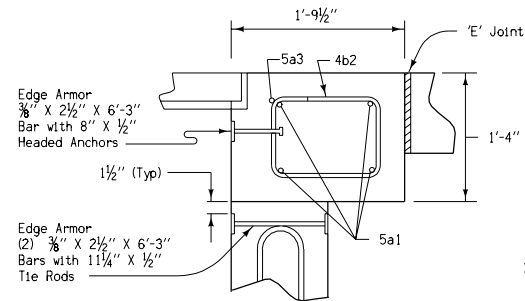


## PIPE REINFORCING DETAIL

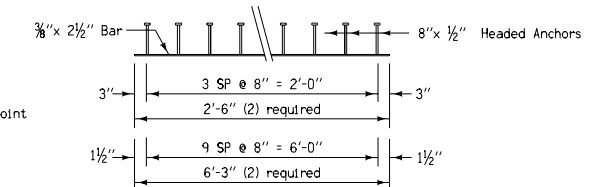
TO BE USED AT ALL PIPE ENTRANCES

Notes:

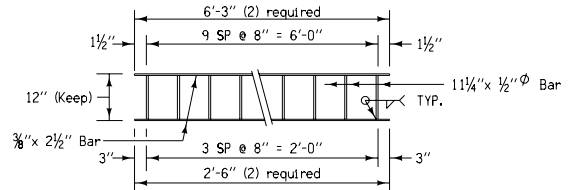
4e1 bar length to be pipe diameter plus 12 inches. Eight 4e1 bars required per pipe entrance. 4e1 bar to be placed inside of vertical reinforcing. Main reinforcing bars to be shifted as required for pipe entrance.



DETAIL "A"

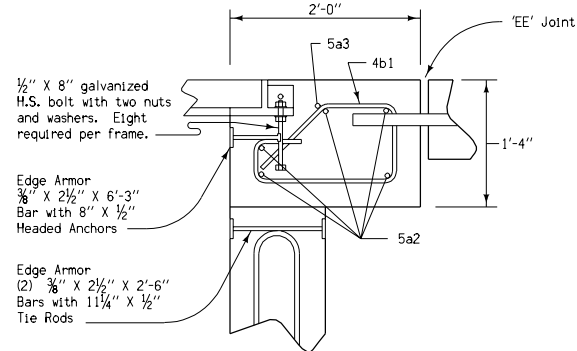


## FRAME RING EDGE ARMOR DETAIL



## WALL EDGE ARMOR DETAIL

All edge armor steel to be ASTM A36, galvanized after fabrication



DETAIL "B"

<b>STANDARD ROAD PLAN RA-47(2)</b>	
REVISION: Changed 'K' Joint to 'E' Joint on Detail A.	REVISION NO. 2
William J. Allen APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-29-02

MEDIAN INTAKE  
(Sheet 2 of 3)